STARTEK
LIGHTING AMERICA

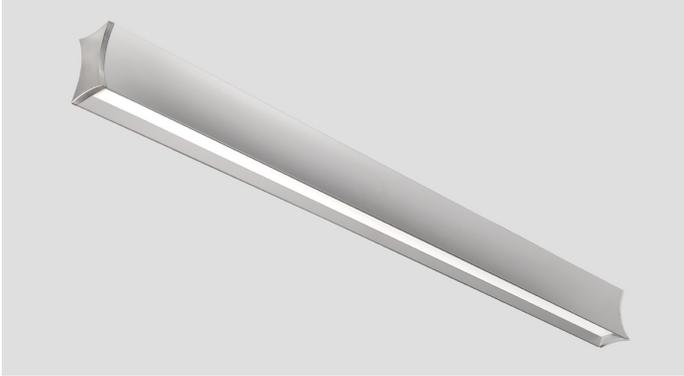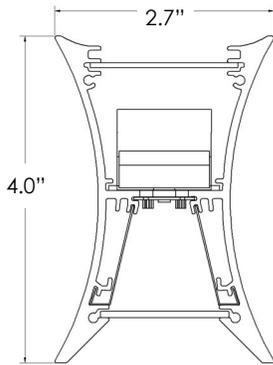# X Beam
Direct

Type:	
Project:	
REP/Agent:	
Order #:	

FEATURES

- **Continuous lensing standard– runs up to 200'**
- Extruded aluminum single piece housing
- 4'and 8' individual units, or continuous rows
- Linear runs with proprietary joiner design
- Light levels can be set at the factory
- Efficacy up to 125 lm/W
- Soft diffuse direct lighting
- Textured powder coat or clear anodize finish
- Approved for dry and damp locations
- 0-10v dimming is standard
- Dim to 1% of output current is standard
- 90 CRI (R9 50min) available
- CA Title 24 / JA8 installation compatible

ETL Listed — Intertek
5 YEARS WARRANTY
BUY AMERICAN ACT COMPLIANT
RoHS COMPLIANT

DIMENSIONS

2.7"

4.0"

ORDERING LOGIC

XBEAMD	-		-		-		-		-		-
SERIES	-	LENGTH	-	LUMENS PER FOOT	-	DISTRIBUTION	-	CCT	-	CRI	-
XBEAMD		**xx**=Run Length **Sxx**=Symmetric Run Length		**350**=350LPF **500**=500LPF **750**=750LPF **1000**=1000LPF **XXX**=Custom LPF		**SD**=SatinIce Diffuse **WD**=Wide Diffuse		**30K**=3000K **35K**=3500K **40K**=4000K **50K**=5000K **TW**=Tunable White[1] *(2700-6500K)*		**80**=80 **90**=90 (R9 50 min)	

	-		-		-		-		-
FINISH	-	MOUNTING	-	VOLTAGE	-	ELECTRICAL	-	OPTIONS	-

STANDARD
PW=Powder Coat White
PB=Powder Coat Black
CA=Clear Anodize
 	
PREMIUM
RALxxxx= Powder Coat
  RAL xxxx (Gloss Finish)
 	
CUSTOM
PO=Powder Other
		CABLES WITH CANOPY KITS
		ACW05=White Cord 5'
		ACW10=White Cord 10'
		ACB05=Black Cord 5'
		ACB10=Black Cord 10'
		CABLES WITH LOOPS
		ALW10=White Cord 10'
		ALB10=Black Cord 10'
		STEM WITH CANOPY KITS
		STEMWxx= Stem White, xx"
		STEMBxx= Stem Black, xx"
				U= 120-277
				C= 347
						1C=Single Circuit
						MC=Multiple Circuits
						  (multiple switch legs across run length)
						EC=Emergency Circuit
						  (separate power drops for EC fixtures)
								SPECIALTY DRIVERS *(Standard driver is 0-10V, dim to 1% output current)*
								DT1=eldoLED EcoDrive Dim to 1% (0-10V)
								DTZ=eldoLED SoloDrive Dim to 0.1% (0-10V)
								PSRD=Philips Sensor Ready (DALI) Driver
								LDE1=Lutron Hi-Lume EcoSystem LED driver with Soft-on, Fade-to-Black
								TW-A=Tunable White, 0-10v[2]
								TW-EL=eldoLED DUALdrive Tunable White (DALI)[2]
								PSQ02U=Lutron T-Series 1% 2-Channel Tunable White driver[2]
								EMERGENCY
								#EMB6=6W EM Battery } *(# indicates quantity, not compatible with 2' fixtures)*
								#EMB10=10W EM Battery }
								GTD=Generator Transfer Device
								SENSORS
								DMxx%=Daylight/Motion Sensor (xx%= % Min. Dimming)
								AWNR-W= Lutron Athena Wireless Node (RF only)[3] - White Finish
								AWNR-B= Lutron Athena Wireless Node (RF only)[3] - Black Finish	

EXAMPLE: XBEAMD-40-750-WD-35K-90-PW-ACW10-U-1C-1EMB10
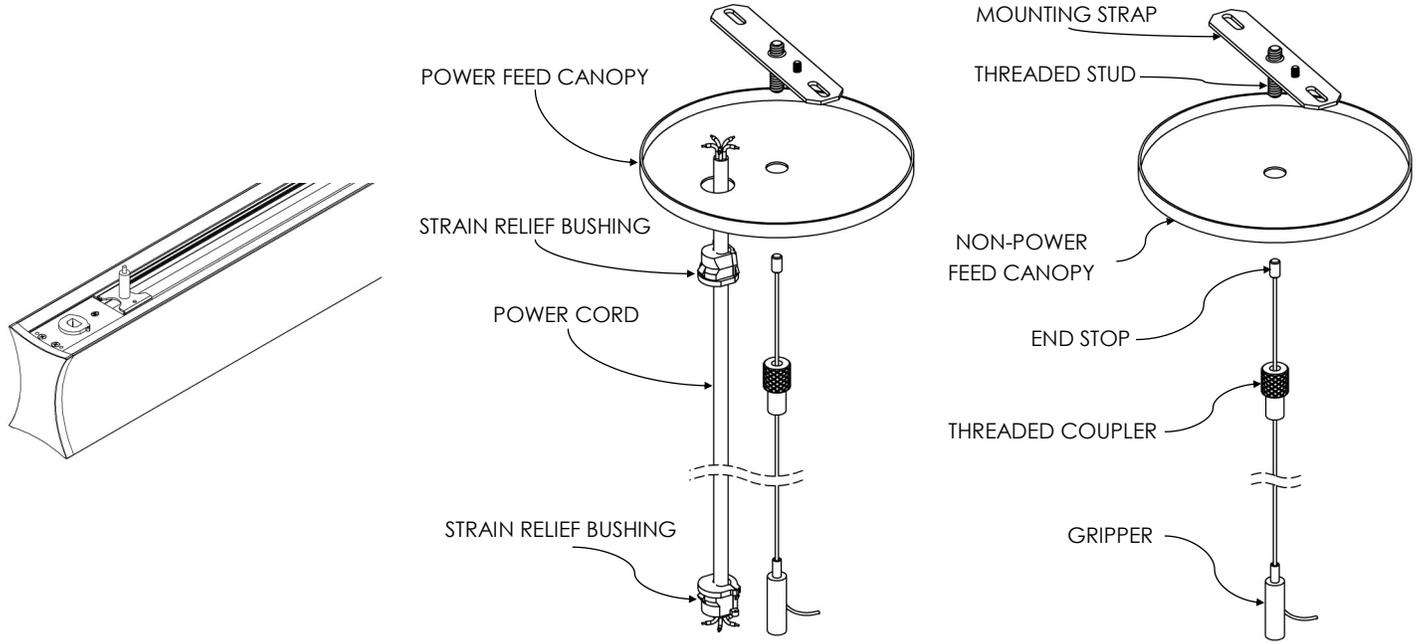
[1] Tunable White Driver must be specified in options
** See mounting details on page 2
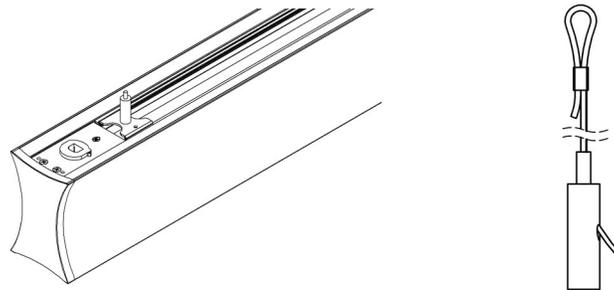*[2] D4i driver for static & DALI-2 Type 8 for tunable.*

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MOUNTING OPTIONS

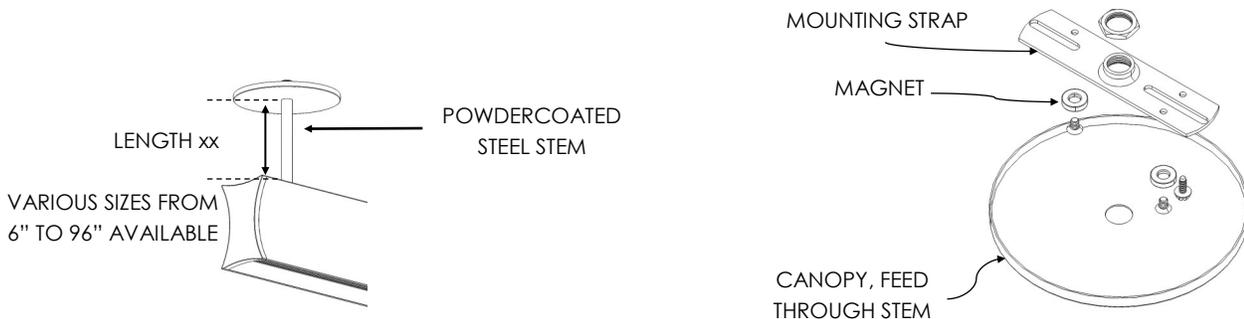### ACxxx (Aircraft Cable with Canopy)   -   Drywall, Solid, Tile (On-Grid), Tile (Off-Grid)

POWER FEED CANOPY

MOUNTING STRAP

THREADED STUD

STRAIN RELIEF BUSHING

NON-POWER
FEED CANOPY

POWER CORD

END STOP

THREADED COUPLER

STRAIN RELIEF BUSHING

GRIPPER

ALxxx (Aircraft Cable with Loops)

POWER CORD & FIRST
MOUNT DETAIL

0.531"
POWER CORD

2"

FIRST MOUNTING POINT
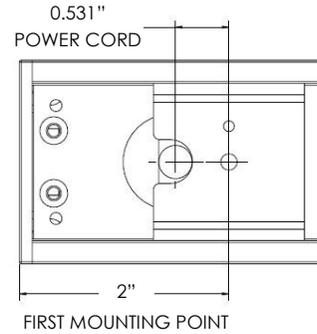
STEMWxx, STEMBxx (Stem Mount)

LENGTH xx

POWDERCOATED
STEEL STEM

VARIOUS SIZES FROM
6" TO 96" AVAILABLE

MOUNTING STRAP

MAGNET

CANOPY, FEED
THROUGH STEM

X Beam
Direct

ROW CONFIGURATIONS

xx (Run Length)

The standard construction of run lengths is to build with as many 8' sections as possible and finish the run with a shorter length fixture if necessary.

Examples of the standard construction of runs over 8' are as follows:

10' RUN	8' / 2'
16' RUN	8' / 8'
20' RUN	8' / 8' / 4'
22' RUN	8' / 8' / 6'
28' RUN	8' / 8' / 8' / 4'

SRxx (Symmetric Run)

The construction of SRxx is to build with equal length fixtures. Please indicate this on your P.O. when placing your order.

Examples of symmetric construction of runs over 8' are as follows:

10' RUN	5' / 5'
16' RUN	8' / 8'
20' RUN	5' / 5' / 5' / 5'
22' RUN	5.5' / 5.5' / 5.5' / 5.5'
28' RUN	7' / 7' / 7' / 7'
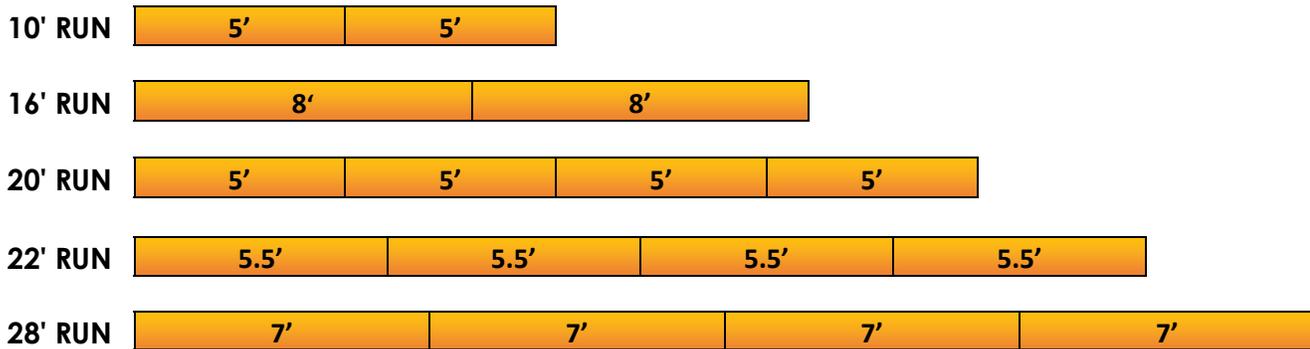
MOUNTING LOCATIONS

Each starter or individual fixture will be provided with (2) mounting supports (🔴). Each additional fixture will be provided with (1) support which can be located anywhere along the 2nd half of the fixture (highlighted below):
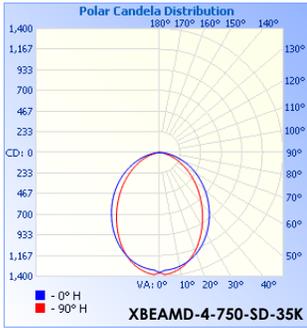
Examples of continuous run mounting locations are as follows:

12' RUN	8' / 4'
16' RUN	8' / 8'
20' RUN	8' / 8' / 4'
24' RUN	8' / 8' / 8'
28' RUN	8' / 8' / 8' / 4'
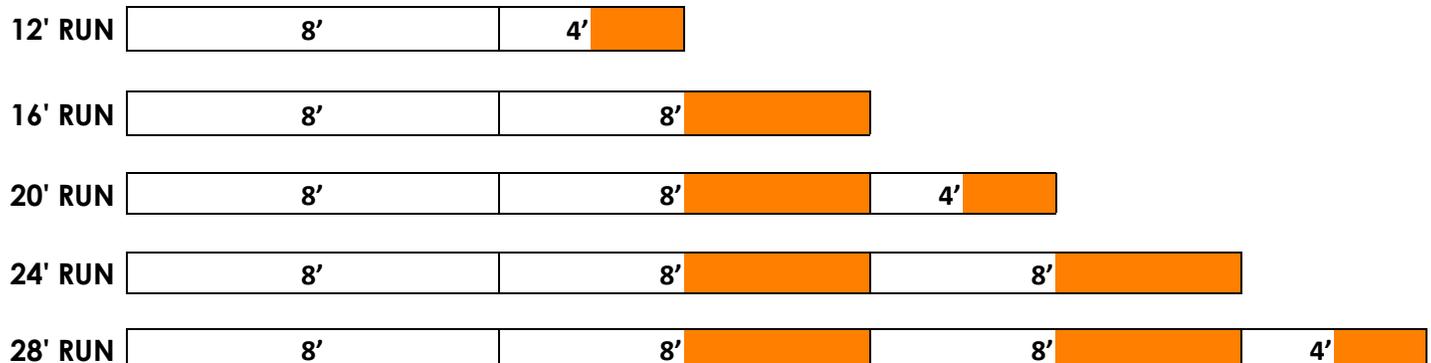
X Beam
Direct

Type:	
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PERFORMANCE

XBEAMD-X-750-SD (80+ CRI)

Polar Candela Distribution
XBEAMD-4-750-SD-35K

Model	Lumens	Watts	LPW
XBEAMD-4-750-SD-30K	3,000	27	110
XBEAMD-4-750-SD-35K	3,000	26	114
XBEAMD-4-750-SD-40K	3,000	26	117
XBEAMD-4-750-SD-50K	3,000	25	122

Model	Lumens	Watts	LPW
XBEAMD-8-750-SD-30K	6,000	53	114
XBEAMD-8-750-SD-35K	6,000	51	117
XBEAMD-8-750-SD-40K	6,000	50	120
XBEAMD-8-750-SD-50K	6,000	48	125

XBEAMD-X-750-WD (80+ CRI)

Polar Candela Distribution
XBEAMD-4-750-WD-35K
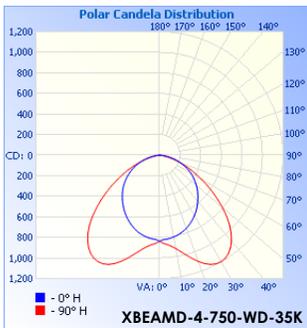
Model	Lumens	Watts	LPW
XBEAMD-4-750-WD-30K	3,000	27	110
XBEAMD-4-750-WD-35K	3,000	26	114
XBEAMD-4-750-WD-40K	3,000	26	117
XBEAMD-4-750-WD-50K	3,000	25	122

Model	Lumens	Watts	LPW
XBEAMD-8-750-WD-30K	6,000	53	114
XBEAMD-8-750-WD-35K	6,000	51	117
XBEAMD-8-750-WD-40K	6,000	50	120
XBEAMD-8-750-WD-50K	6,000	48	125

FINISHES

STANDARD FINISHES

WHITE MINI TEXTURE
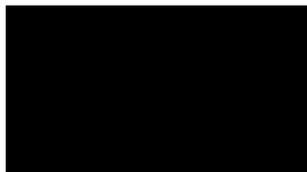
BLACK MINI TEXTURE

CLEAR ANODIZE

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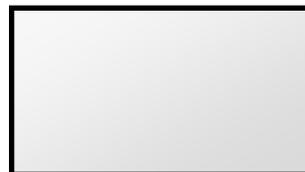
Type:	
Project:	
REP/Agent:	
Order #:	

SPECIFICATIONS

Housing
Nominal 2.7" x 4" square housing of continuous extruded 6063 T5 aluminum.

Color
Colors for the housing are available in a powder coated white and black or clear anodize. Consult factory for custom colors.

Luminaire Length
4' or 8' lengths are available for a single stand-alone section. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

End Caps
Injection molded flat end caps are mechanically attached with no exposed fasteners to enhance architectural aesthetic and prevent light leak. Machined end caps available.

Source
Lumen packages are available in four color temperature options (3000K, 3500K, 4000K and 5000K) — all within 2.5 MacAdam ellipses.

Certification
Intertek cETLus Listed. RoHS (Restriction of Hazardous Substances) and Buy American Act compliant.

Battery
Philips Bodine lithium ion battery providing up to 720lm(6W) or up to 1200lm(10W) for 90 minutes. UL924 listed. Class 2 compliant. Meets Title 20 CEC (California Energy Commission) efficiency standards.

Environment
Suitable for dry and damp locations.
Operating temp.: -40°C to +50°C
-40°F to +122°F

Dimming Driver
Universal Lighting Technologies (ULT) Everline series of LED drivers allows tunable output currents to achieve infinite configurations of output. UL Class 2 recognized. 0-10v interface can be wired as Class 1 or Class 2 circuit. Included 2.5Kw ring and wave overcurrent protection, isolation of each individual output and a fully potted driver to protect from heat and vibration. Power factor <.93

Packaging
Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

COMPANION PRODUCTS

X Beam Direct/Indirect
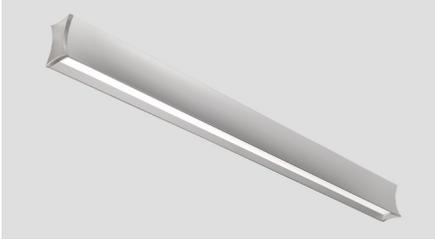
Wireless Node

WARRANTY

5-year limited warranty. Complete warranty terms can be located at:

http://www.starteklightingamerica.com/images/pdf/warranty/Beam_Series_Warranty.pdf

Note: Actual performance may differ as a result of installation environment and final application.
All values are design or typical values, measured under laboratory conditions, at 25°C (77°F) .